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| APPLICATION NO. | FILING DATE | FIRST NAMED INVENTOR | ATTORNEY DOCKET NO. | CONFIRMATION NO. |
|---|-------------|----------------------|---------------------|------------------|
| 09/778,341 | 02/07/2001 | Yushi Ihara | 450100-02974 | 1461 |
| 20999 | 7590 | 10/28/2004 | EXAMINER | |
| FROMMER LAWRENCE & HAUG 745 FIFTH AVENUE- 10TH FL. NEW YORK, NY 10151 | | | PARK, ILWOO | |
| | | ART UNIT | PAPER NUMBER | |
| | | 2182 | | |

DATE MAILED: 10/28/2004

Please find below and/or attached an Office communication concerning this application or proceeding.

| Office Action Summary | Application No. | Applicant(s) |
|------------------------------|------------------------|---------------------|
| | 09/778,341 | IHARA ET AL. |
| Examiner | Art Unit | |
| Ilwoo Park | 2182 | |

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

1) Responsive to communication(s) filed on 07 February 2001.

2a) This action is **FINAL**. 2b) This action is non-final.

3) Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

4) Claim(s) 1-3 is/are pending in the application.
4a) Of the above claim(s) _____ is/are withdrawn from consideration.

5) Claim(s) _____ is/are allowed.

6) Claim(s) 1-3 is/are rejected.

7) Claim(s) _____ is/are objected to.

8) Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

9) The specification is objected to by the Examiner.

10) The drawing(s) filed on _____ is/are: a) accepted or b) objected to by the Examiner.

 Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).

 Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).

11) The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

12) Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).

a) All b) Some * c) None of:

1. Certified copies of the priority documents have been received.
2. Certified copies of the priority documents have been received in Application No. _____.
3. Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

* See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

1) Notice of References Cited (PTO-892)
2) Notice of Draftsperson's Patent Drawing Review (PTO-948)
3) Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)
Paper No(s)/Mail Date _____.
4) Interview Summary (PTO-413)
Paper No(s)/Mail Date _____.
5) Notice of Informal Patent Application (PTO-152)
6) Other: _____.

DETAILED ACTION

1. Claims 1-3 are presented for examination.

Priority

2. Receipt is acknowledged of papers submitted under 35 U.S.C. 119(a)-(d), which papers have been placed of record in the file.

Specification

3. The title of the invention is not descriptive. A new title is required that is clearly indicative of the invention to which the claims are directed.

Claim Rejections - 35 USC § 103

4. The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

5. Claims 1-3 are rejected under 35 U.S.C. 103(a) as being unpatentable over Imai, Japanese Laid Open patent publication No. 9-219842 in view of Fukunaga et al., US patent No. 6,603,737.

As to claim 1, Imai teaches an image printing apparatus [fig. 1] for printing character data information of an electronic program guide [teletext data superimposed at the perpendicular blanking period of the television broadcasting of the channel in paragraph 0011] added to externally inputted image information, comprising:

an information processor comprising:

demodulating/decoding means [alphabetic character data extraction section 300 in paragraph 0033] for detecting and demodulating/decoding said character data information of the electronic program guide added to said externally inputted image information;

storage means [buffer memory 320 and program number and title storage section 350 in paragraphs 0033, 0034] for storing the demodulated/decoded character data information of the electronic program guide by said demodulating/decoding means; and

output means [printer control section 360 in paragraph 0035] for including the character data information of the electronic program guide stored by said storage means and outputting the character data information of the electronic program guide to said printer, and

a printer [printer 370] comprising:

input means for inputting the character data information of the electronic program guide outputted from said output means;

print control means for detecting print control information [because the printer prints in accordance with the format including character size, number of teletext programs of the selected channel, recording paper size, program number, page total, page data, pagination of the program, data length, etc. in paragraphs 0014, 0015, 0035] from the character data information of the electronic program guide supplied from said input means; and

printing means for printing the character data information of the electronic program guide under the control of said print control means.

However, Imai does not teach the output means and the input means are for outputting and inputting a packet compliant with the IEEE 1394 standard. Fukunaga et al teach an image printing apparatus [fig. 1A] having an output means in an information processor [image providing device, such as digital video camera 101 or PC 103] and the input means in a printer [printer 102] are for outputting and inputting a packet compliant with the IEEE 1394 standard [col. 6, lines 23-28]. Therefore, it would have been obvious to one of ordinary skill in the art to combine the two teachings of Imai and Fukunaga et al because they both teach an image printing apparatus having an output means in an information processor outputting data and the input means in a printer [printer 102] inputting data from the output means and the Fukunaga et al's teaching of the data being a packet compliant with the IEEE 1394 standard would increase flexibility for adapting a prevalent/fast IEEE 1394 printer.

6. As to claim 2, Fukunaga et al teach said output means and said input means constitute an interface circuit which is compliant with the IEEE 1394 standard.

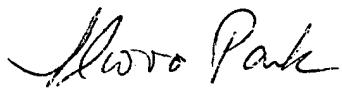
7. As to claim 3, Imai teaches said information processor comprises receiving means for receiving broadcast waves including image information [tuner 250].

Conclusion

8. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Ilwoo Park whose telephone number is (571) 272-4155. The examiner can normally be reached on Monday through Friday from 9:00 AM to 5:30

PM. If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Jeffrey A Gaffin can be reached on (571) 272-4146. The fax phone number for the organization where this application or proceeding is assigned is (703) 872-9306.

ILWOO PARK
PRIMARY EXAMINER



Ilwoo Park
Primary Examiner
October 21, 2004